

Converting Colors

Hex(06B1AB)

Have a look what the booklet for
Hex(06B1AB) contains.

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Color

Hex(06B1AB)

Conversions

Conversions Part 1

Format	Color
Hex	06B1AB
RGB	6, 177, 171
RGB Percent	2%, 69%, 67%
CMY	0.9765, 0.3059, 0.3294
CMYK	0.97, 0.00, 0.03, 0.31
HSL	178°, 93%, 36%
HSV	178°, 97%, 69%
XYZ	23.1479, 34.4233, 43.9524
YIQ	125.1870, -99.9900, -38.1180

Conversions

Conversions Part 2

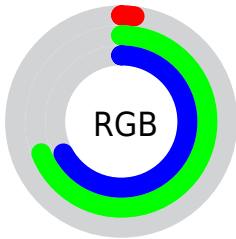
Format	Color
RYB	6, 93, 177
Decimal	438699
CIELab	65.30, -38.17, -7.64
CIELCh	65, 38.932, 191.321
Yxy	34.4233, 0.2280, 0.3391
Android (android.graphics.Color)	4278628779 (0xFF06B1AB)
YUV	125.1870, 22.5858, -104.5270
Hunter-Lab	58.6714, -32.2503, -3.3459

Details

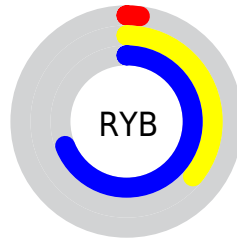
The Hex color **06B1AB** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B1060C**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **63E9E2**, and **007C77** is the 20% darker color. If you saturate the color by 10%, you get **00B1AB**, and if you desaturate by 10%, it is **18B1AC**.

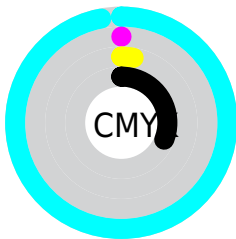
Distribution



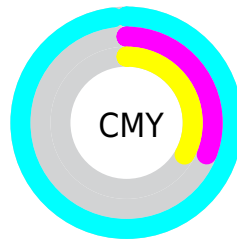
- Red (2%)
- Green (69%)
- Blue (67%)



- Red (2%)
- Yellow (36%)
- Blue (69%)



- Cyan (97%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (98%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06B1AB changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 06B1AB by changing the saturation by 10% instead.

 06B1AB

 06B1AB

FFFFFF

 009691

 63E9E2

 007C77

 82FFFF

 00625E

 A1FFFF

 004947

 BFFFFF

 003230

 DEFFFF

 001C1C

FDFFFF

 000000

 06B1AB

 06B1AB

 00B1AB

 18B1AC

 29B1AC

 3BB1AD

 4DB1AD

 5EB1AE

 70B1AF

 82B1AF

 94B1B0

 A5B1B1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54AF87



06B1AB



00AFCB

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



06B1AB



B391D3



C7955D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



06B1AB



B1060C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DC8972



06B1AB



D486B6

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



06B1AB



809EE3



E28392



A8A159

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



06B1AB



1BABDB



E28392



D09162

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



06B1AB



A3E6E3



0FB106



4B7371



F2F2F2



737373

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



06B1AB



00E6DD



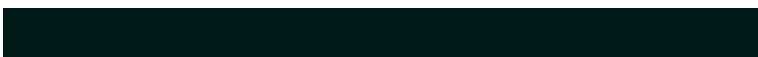
0664B1



505959



009994



001A19

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B1060C



E60008



B15306



595051



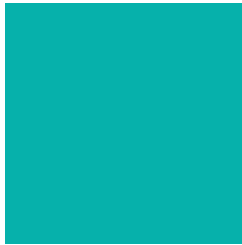
990005



1A0001

Previews

White Background



This preview shows how the Hex color 06B1AB looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 06B1AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

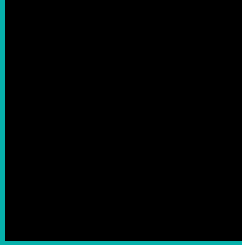
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 06B1AB Background



This preview shows how black text looks on a background with the Hex color 06B1AB.

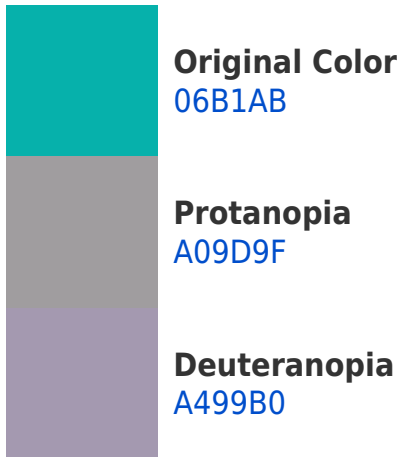


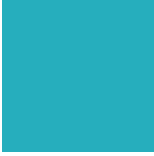
This preview shows how white text looks on a background with the Hex color 06B1AB.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
26AEBD

Trichromacy



Original Color
06B1AB



Protanomaly
68A4A3



Deuteranomaly
6BA2AE



Tritanomaly
1AAFB6

Monochromacy



Original Color
06B1AB



Achromatopsia
7D7D7D



Achromatomaly
52908E

CSS Examples

Text

The CSS property to change the color of the text to Hex 06B1AB is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #06B1AB looks like.

```
.text, #text, p{  
    color:#06B1AB  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #06B1AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06B1AB
}
```

Border

The CSS property to change the border of an element to Hex 06B1AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#06B1AB }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#06B1AB }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #06B1AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06B1AB; -webkit-box-shadow:4px 4px  
4px 4px #06B1AB; box-shadow:4px 4px 4px  
4px #06B1AB }
```

Background

The CSS property to change the background color of an element to Hex 06B1AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06B1AB }
```

If only the background color should be changed can be used:

```
.background{ background-color:#06B1AB }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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